

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2019 Levee Inspection Results**

**Sutter Maintenance Yard East-West Interceptor**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2019 Levee Inspection Results**

**Sutter Maintenance Yard East-West Interceptor**

Waterway			Bank	Unit Miles
Unit No. 01 West Levee			Right	1.75
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/8/2019 - 5/8/2019			
DWR Inspector	Makar Sokol			
Accompanied By	David Julian DWR DFM			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0020_01_s _ 2013_9				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0020_01_s _ 2013_10				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	11
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0020_01_s _ 2013_11				
Comment Code					
Inspector Comment					
The LMA completed flood fight training in 2018.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.20	Rating **	M	Issue No.	12
LM End	0.20	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171565 °	39.171565 °
				-121.756293 °	-121.756293 °
DWR ID	DWR_ST0020_01_s_2017_12				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the waterside slope.					

Photo 1 of 1 : SP\_2019\_ST0020\_213\_12\_20190327\_00007.jpg



View of the prunings along the waterside slope.

LM Start	0.23	Rating **	C	Issue No.	2
LM End	0.25	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.171418 °	39.171408 °
				-121.755963 °	-121.755578 °
DWR ID	DWR_ST0020_01_s_2019_2				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove the cactus and pine trees from the waterside berm.					

No Photos

LM Start	0.33	Rating **	C	Issue No.	7
LM End	0.33	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171502 °	39.171502 °
				-121.753973 °	-121.753973 °
DWR ID	DWR_ST0020_01_s_2018_7				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the crown.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.45	Rating **	M	Issue No.	14
LM End	0.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171453 °	39.171453 °
				-121.751603 °	-121.751603 °
DWR ID	DWR_ST0020_01_f_2018_14				
Comment Code					
PR : Prunings					
Inspector Comment					
Removed the prunings from the landside crown.					

Photo 1 of 1 : SP\_2019\_ST0020\_213\_14\_20190327\_00008.jpg



View of the prunings along the landside crown.

LM Start	0.51	Rating **	M	Issue No.	25
LM End	0.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.171392 °	39.171317 °
				-121.750478 °	-121.744545 °
DWR ID	DWR_ST0020_01_f_2016_25				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Olleanders are partially blocking visibility and access.					

No Photos

LM Start	0.59	Rating **	C	Issue No.	1
LM End	0.59	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171372 °	39.171372 °
				-121.750000 °	-121.750000 °
DWR ID	DWR_ST0020_01_s_2019_1				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the cactus tree from the waterside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.62	Rating **	C	Issue No.	4
LM End	0.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.171292 °	39.171232 °
				-121.748868 °	-121.748175 °
DWR ID	DWR_NA0020_01_s_2012_4				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion along the concrete ditch.					

No Photos

LM Start	0.89	Rating **	M	Issue No.	26
LM End	0.89	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.171317 °	39.171317 °
				-121.743474 °	-121.743474 °
DWR ID	19417				
Comment Code					
Inspector Comment					
FS_ID:53691 DS_ID:19417 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2012 Groundwater system does not cross high ground section (known as project levee). Record will remain part of UCIP inventory however, pipe does not go through designated project levee. (O. Magana - DWR UCIP)4/10/2017 Crossing appears to have been abandoned. (DWR Sutter Yard- A Freitag)4/19/2016 Meter has been removed from the power box and the power lines have been disconnected from the pole and pump. Appears this crossing may have been abandoned.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 12-inch steel irrigation pipe crosses over canal above crown elevation. Chain link enclosure on the landside (LS) with pump, power line, and shutoff valve. 24-inch concrete standpipe on unprotected side of canal. [Additional Reference(s): DWR Levee Log, Revised 1990] FS Date: 2/12/2019 10:18:00 AM					

Photo 1 of 3 : UCIP\_SP\_2019\_53691\_11344.jpg



Pump, meter, power pole, slide gate, and chainlink fence on LS with 24-inch concrete standpipe on unprotected side of canal.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.89	Rating **	M	Issue No.	26 (cont)	
LM End	0.89	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.171317 °	39.171317 °	
				-121.743474 °	-121.743474 °	
DWR ID	19417					
Comment Code						
Inspector Comment						
FS_ID:53691 DS_ID:19417 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2012 Groundwater system does not cross high ground section (known as project levee). Record will remain part of UCIP inventory however, pipe does not go through designated project levee. (O. Magana - DWR UCIP)4/10/2017 Crossing appears to have been abandoned. (DWR Sutter Yard- A Freitag)4/19/2016 Meter has been removed from the power box and the power lines have been disconnected from the pole and pump. Appears this crossing may have been abandoned.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 12-inch steel irrigation pipe crosses over canal above crown elevation. Chain link enclosure on the landside (LS) with pump, power line, and shutoff valve. 24-inch concrete standpipe on unprotected side of canal. [Additional Reference(s): DWR Levee Log, Revised 1990] FS Date: 2/12/2019 10:18:00 AM						

LM Start	<b>0.89</b>	Rating **	M	Issue No.	<b>26 (cont)</b>
LM End	<b>0.89</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53691\_74963.jpg



Meter removed from box and disconnected power lines

Photo 3 of 3 : UCIP\_SP\_2019\_53691\_78912.jpg



WS view: groundwater pipe system located on WS and across opposite bank.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.94	Rating **	M	Issue No.	16
LM End	0.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171333 °	39.171333 °
				-121.742577 °	-121.741827 °
DWR ID	DWR_ST0020_01_f_2016_16				
Comment Code					
FE : Fence					
Inspector Comment					
The fence should be removed from the landside shoulder.					

Photo 1 of 1 : SP\_2019\_ST0020\_213\_16\_20190327\_00009.jpg



View of an unauthorized fence by a landowner.

LM Start	0.94	Rating **	M	Issue No.	17
LM End	0.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171333 °	39.171333 °
				-121.742577 °	-121.741827 °
DWR ID	DWR_ST0020_01_f_2016_17				
Comment Code					
CR : Crops					
Inspector Comment					
The nut trees should be removed from the landside shoulder.					

Photo 1 of 1 : SP\_2019\_ST0020\_213\_17\_20190327\_00010.jpg



View of the nut trees planted by a landowner.

LM Start	1.08	Rating **	M	Issue No.	15
LM End	1.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.171284 °	39.171284 °
				-121.739879 °	-121.739879 °
DWR ID	DWR_ST0020_01_s_2019_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_ST0020\_213\_15\_20190510\_00031.jpg



View of the trees on the landside slope. Spring 2019.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.09	Rating **	M	Issue No.	27
LM End	1.09	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.171296 °	39.171296 °
				-121.739779 °	-121.739779 °
DWR ID	20115				
Comment Code					
Inspector Comment					
FS_ID:53693 DS_ID:20115 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Overgrown vegetation was blocking access to this pipe. It was not inspected. (DWR Sutter Yard- AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 New flapgate installed on WS pipe end.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 Pipe not permitted and has no flap gate. FIELD_STRUCT_DESC: 8-inch corrugated metal drainage pipe through the levee, 1.5 feet below the crown. Outlet visible on the waterside (WS). Unable to locate the inlet on the landside (LS). No permit has been identified since crossing was field discovered in 2012. Pipe drains adjacent property. FS Date: 2/12/2019 10:19:00 AM					

Photo 1 of 3 : UCIP\_SP\_2019\_53693\_64242.jpg



Pipe at outlet on WS crown.

LM Start	1.09	Rating **	M	Issue No.	27 (cont)
LM End	1.09	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53693\_64400.jpg



Enter photo 2 description or comment here.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.09	Rating **	M	Issue No.	27 (cont)
LM End	1.09	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.171296 °	39.171296 °
				-121.739779 °	-121.739779 °
DWR ID	20115				
Comment Code					
Inspector Comment					
FS_ID:53693 DS_ID:20115 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Overgrown vegetation was blocking access to this pipe. It was not inspected. (DWR Sutter Yard- A Freitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - a Freitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 New flapgate installed on WS pipe end.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 Pipe not permitted and has no flap gate. FIELD_STRUCT_DESC: 8-inch corrugated metal drainage pipe through the levee, 1.5 feet below the crown. Outlet visible on the waterside (WS). Unable to locate the inlet on the landside (LS). No permit has been identified since crossing was field discovered in 2012. Pipe drains adjacent property. FS Date: 2/12/2019 10:19:00 AM					

Photo 3 of 3 : UCIP\_SP\_2019\_53693\_78922.jpg



WS view: flap gate visible on WS.

LM Start	1.11	Rating **	M	Issue No.	19
LM End	1.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171283 °	39.171283 °
				-121.739315 °	-121.739315 °
DWR ID	DWR_ST0020_01_f_2016_19				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings from the landside toe.					

Photo 1 of 1 : SP\_2019\_ST0020\_213\_19\_20190327\_00012.jpg



View of the prunings along the landside toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.11	Rating **	M	Issue No.	18
LM End	1.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.171283 °	39.171243 °
				-121.739315 °	-121.736312 °
DWR ID	DWR_ST0020_01_f_2016_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_ST0020\_213\_18\_20190327\_00011.jpg



View of the trees blocking visibility.

LM Start	1.25	Rating **	M	Issue No.	20
LM End	1.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171237 °	39.171237 °
				-121.736803 °	-121.736803 °
DWR ID	DWR_ST0020_01_f_2016_20				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings from the landside toe.					

No Photos

LM Start	1.26	Rating **	M	Issue No.	21
LM End	1.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171227 °	39.171227 °
				-121.736548 °	-121.736548 °
DWR ID	DWR_ST0020_01_f_2016_21				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings from the landside toe.					

Photo 1 of 1 : SP\_2019\_ST0020\_213\_21\_20190327\_00013.jpg



View of the prunings along the landside toe.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

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**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.30	Rating **	U	Issue No.	28	
LM End	1.30	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.171217 °	39.171217 °	
				-121.735898 °	-121.735898 °	
DWR ID	19433					
Comment Code						
Inspector Comment						
FS_ID:53832 DS_ID:19433 EP_NO: 15946 Repair Type: Urgent Crossing Status: Found UCIP Comments: 02/12/2019 System description was updated based on permit records and field observations. Crossing has been updated as a drainage pipe and not an irrigation crossing. Damage to the WS bank should be addressed. (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.5/15/2013 Same as last inspection.11/4/2013 Same as last inspection.5/12/2014 Same as last inspection.11/17/2014 Same as last inspection. FIELD_STRUCT_DESC: 6-inch polyvinyl chloride (PVC) drainage pipe through the levee, 2 feet below the crown. Flap gate located on the waterside (WS). Pipe runs from building on the landside (LS) toe to canal. Line is an intermittent line only that conveys water from over-pressure relief and bypass valves in a municipal water pump station on adjacent Sutter Community Services District property. Permit was issued for a 6-inch polyvinyl chloride (PVC) water line to be allowed outside the project levee section and outside 10 feet of the levee toes and steel within the project levee section. (6-inch and 12-inch pipes, different locations, authorized under Permit No. 15946, 1992 - Sutter Community Services District; design sketch available in permit, page 21-23). FS Date: 2/12/2019 10:19:00 AM						

Photo 1 of 3 : UCIP\_SP\_2019\_53832\_11347.jpg



Pipe at LS shoulder next to canal.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

## Levee Inspection Report By Mile - Spring 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

Photo 2 of 3 : UCIP\_SP\_2019\_53832\_11346.jpg



Flap gate on pipe end.

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.30	Rating **	U	Issue No.	28 (cont)	
LM End	1.30	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.171217 °	39.171217 °	
				-121.735898 °	-121.735898 °	
DWR ID	19433					
Comment Code						
Inspector Comment						
FS_ID:53832 DS_ID:19433 EP_NO: 15946 Repair Type: Urgent Crossing Status: Found UCIP Comments: 02/12/2019 System description was updated based on permit records and field observations. Crossing has been updated as a drainage pipe and not an irrigation crossing. Damage to the WS bank should be addressed. (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.5/15/2013 Same as last inspection.11/4/2013 Same as last inspection.5/12/2014 Same as last inspection.11/17/2014 Same as last inspection. FIELD_STRUCT_DESC: 6-inch polyvinyl chloride (PVC) drainage pipe through the levee, 2 feet below the crown. Flap gate located on the waterside (WS). Pipe runs from building on the landside (LS) toe to canal. Line is an intermittent line only that conveys water from over-pressure relief and bypass valves in a municipal water pump station on adjacent Sutter Community Services District property. Permit was issued for a 6-inch polyvinyl chloride (PVC) water line to be allowed outside the project levee section and outside 10 feet of the levee toes and steel within the project levee section. (6-inch and 12-inch pipes, different locations, authorized under Permit No. 15946, 1992 - Sutter Community Services District; design sketch available in permit, page 21-23). FS Date: 2/12/2019 10:19:00 AM						

Photo 3 of 3 : UCIP\_SP\_2019\_53832\_78926.jpg



Overview of levee crown (high ground) looking east where pipe crosses.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.34	Rating **	U	Issue No.	29 (cont)	
LM End	1.34	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.171198 °		39.171198 °
				-121.735125 °		-121.735125 °
DWR ID	19432					
Comment Code						
Inspector Comment						
FS_ID:53831 DS_ID:19432 EP_NO: 15946 Repair Type: Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition. (DWR Sutter Yard - afreitag)4/19/2016 LS inlet has been cleaned out. Crossing appears in good condition.5/12/2015 LS inlet is still completely blocked with soil.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.5/15/2013 Same as last inspection.11/4/2013 Same as last inspection.10/16/2012 Inlet is completely blocked with soil. FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 2 feet below the crown. Pipe is encased in concrete. Flap gate is located on the waterside (WS). Landside (LS) inlet filled with soil. (12-inch and 6-inch pipes, different locations, authorized under Permit No. 15946, 1992 - Sutter Community Services District; design sketch available in permit, page 21-23). FS Date: 2/12/2019 10:19:00 AM						

LM Start	<b>1.34</b>	Rating **	U	Issue No.	<b>29 (cont)</b>
LM End	<b>1.34</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53831\_11349.jpg



Flap gate and pipe at canal.

Photo 3 of 3 : UCIP\_SP\_2019\_53831\_11348.jpg



Soil filled inlet on LS of crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.36	Rating **	M	Issue No.	30	
LM End	1.36	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.171198 °	39.171198 °	
				-121.734833 °	-121.734833 °	
DWR ID	19422					
Comment Code						
Inspector Comment						
FS_ID:53696 DS_ID:19422 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. Pipe material is concrete. (DWR Sutter Yard- AFreitag)10/11/2016 Crossing appears to be in good condition. (DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: 30-inch reinforced concrete irrigation pipe through the levee, 2 feet below the crown. 30-inch steel pipe also passes over canal in same alignment. [Additional Reference(s): DWR Levee Log, Revised 1990]. FS Date: 2/12/2019 10:20:00 AM						

LM Start	<b>1.36</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>1.36</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53696\_11353.jpg



WS of pipe at outlet.

Photo 2 of 3 : UCIP\_SP\_2019\_53696\_11352.jpg



LS of pipe at inlet.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.36	Rating **	M	Issue No.	30 (cont)	
LM End	1.36	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.171198 °	39.171198 °	
				-121.734833 °	-121.734833 °	
DWR ID	19422					
Comment Code						
Inspector Comment						
FS_ID:53696 DS_ID:19422 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. Pipe material is concrete. (DWR Sutter Yard- A Freitag)10/11/2016 Crossing appears to be in good condition. (DWR Sutter Yard - a Freitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: 30-inch reinforced concrete irrigation pipe through the levee, 2 feet below the crown. 30-inch steel pipe also passes over canal in same alignment. [Additional Reference(s): DWR Levee Log, Revised 1990]. FS Date: 2/12/2019 10:20:00 AM						

Photo 3 of 3 : UCIP\_SP\_2019\_53696\_11351.jpg



30-inch steel pipe crossing over canal.

LM Start	1.36	Rating **	M	Issue No.	24
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.171220 °	39.171220 °
				-121.734730 °	-121.734730 °
DWR ID	DWR_ST0020_01_f_2016_24				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_ST0020\_213\_24\_20190327\_00015.jpg



View of the erosion along the bank.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2019 Levee Inspection Results**

**Sutter Maintenance Yard East-West Interceptor**

Waterway			Bank	Unit Miles
Unit No. 02 East Levee			Left	3.05
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/8/2019 - 5/8/2019			
DWR Inspector	Makar Sokol			
Accompanied By	David Julian DWR DFM			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.01	Rating **	U	Issue No.	36
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.171155°	39.170675°
				-121.726179°	-121.688769°
DWR ID	DWR_ST0020_02_s_2019_36				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_ST0020\_214\_36\_20190510\_00085.jpg



View of the vegetation on the waterside slope. Spring 2019.

LM Start	0.01	Rating **	U	Issue No.	37
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.171156 °	39.170767 °
				-121.726176 °	-121.698430 °
DWR ID	DWR_ST0020_02_s_2019_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_ST0020\_214\_37\_20190510\_00086.jpg



View of the vegetation on the landside slope. Spring 2019.

LM Start	0.25	Rating **	M	Issue No.	12
LM End	0.25	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171107°	39.171107°
				-121.722069°	-121.722069°
DWR ID	DWR_NA0020_02_s_2012_12				
Comment Code					
GA : Garbage					
Inspector Comment					
Tires					

Photo 1 of 1 : SP\_2019\_ST0020\_214\_12\_20190327\_00007.jpg



View of the tires along the WS toe.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.26	Rating **	M	Issue No.	9
LM End	0.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171101 °	39.171101 °
				-121.721856 °	-121.721856 °
DWR ID	DWR_NA0020_02_s_2012_9				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_ST0020\_214\_9\_20190327\_00005.jpg



View of the debris along the landside toe.

LM Start	0.27	Rating **	M	Issue No.	39	
LM End	0.27	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.171064 °	39.171064 °	
				-121.721443 °	-121.721443 °	
DWR ID	19424					
Comment Code						
Inspector Comment						
FS_ID:53743 DS_ID:19424 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 Pump and power pole have been removed. 15-inch pipe through the levee was found. Limited access to levee crown, UCIP inspection was completed by accessing the opposite bank. (O. Magana - DWR UCIP)4/10/2017 Unable to locate. (DWR Sutter Yard- A Freitag)10/11/2016 Unable to locate.4/19/2016 Unable to locate.5/12/2015 Unable to locate.11/17/2014 Unable to locate.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. Unable to locate.10/16/2012 Unable to locate. FIELD_STRUCT_DESC: 15-inch galvanized iron irrigation pipe through the levee, at an unknown depth. 15 horsepower (HP) pump and power pole located on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 135, May 1953, (HLM 0.27), Page 11, Location Section 10, As-Built Drawing No. 50-10-2816]. FS Date: 2/12/2019 12:15:00 PM						

Photo 1 of 3 : UCIP\_SP\_2019\_53743\_78937.jpg



Overview of levee crown(high ground) photo taken from opposite bank.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.27	Rating **	M	Issue No.	39 (cont)	
LM End	0.27	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.171064 °		39.171064 °
				-121.721443 °		-121.721443 °
DWR ID	19424					
Comment Code						
Inspector Comment						
FS_ID:53743 DS_ID:19424 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 Pump and power pole have been removed. 15-inch pipe through the levee was found. Limited access to levee crown, UCIP inspection was completed by accessing the opposite bank. (O. Magana - DWR UCIP)4/10/2017 Unable to locate. (DWR Sutter Yard- AFreitag)10/11/2016 Unable to locate.4/19/2016 Unable to locate.5/12/2015 Unable to locate.11/17/2014 Unable to locate.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. Unable to locate.10/16/2012 Unable to locate. FIELD_STRUCT_DESC: 15-inch galvanized iron irrigation pipe through the levee, at an unknown depth. 15 horsepower (HP) pump and power pole located on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 135, May 1953, (HLM 0.27), Page 11, Location Section 10, As-Built Drawing No. 50-10-2816]. FS Date: 2/12/2019 12:15:00 PM						

LM Start	<b>0.27</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>0.27</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53743\_78939.jpg



WS view: evidence that 15-inch pipe is still present through levee.

Photo 3 of 3 : UCIP\_SP\_2019\_53743\_78938.jpg



WS view: pipe found through bank.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.27	Rating **	M	Issue No.	40
LM End	0.27	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.171082 °	39.171082 °
				-121.721344 °	-121.721344 °
DWR ID	20116				
Comment Code					
Inspector Comment					
FS_ID:53744 DS_ID:20116 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition. (DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 22-inch steel irrigation pipe through the levee, 2.5 feet below the crown. Pumping plant located on the waterside (WS) shoulder. Pipe, flap gate, vent, and headwall located on the landside (LS) in canal. Metal pier in stream with flap gate on the LS. 8-inch standpipe/vent on the LS. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:16:00 PM					

LM Start	<b>0.27</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>0.27</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53744\_78946.jpg



Overview of structure through non-levee section.

Photo 2 of 3 : UCIP\_SP\_2019\_53744\_78940.jpg



Overview of levee section (high ground) where pumping structure is located, photo taken from opposite bank.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.27	Rating **	M	Issue No.	40 (cont)	
LM End	0.27	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.171082 °	39.171082 °	
				-121.721344 °	-121.721344 °	
DWR ID	20116					
Comment Code						
Inspector Comment						
FS_ID:53744 DS_ID:20116 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition. (DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 22-inch steel irrigation pipe through the levee, 2.5 feet below the crown. Pumping plant located on the waterside (WS) shoulder. Pipe, flap gate, vent, and headwall located on the landside (LS) in canal. Metal pier in stream with flap gate on the LS. 8-inch standpipe/vent on the LS. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:16:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53744\_78941.jpg



WS view: irrigation structure (west side), photo taken from opposite bank.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.27	Rating **	M	Issue No.	41
LM End	0.27	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.171088 °	39.171088 °
				-121.721323 °	-121.721323 °
DWR ID	20117				
Comment Code					
Inspector Comment					
FS_ID:53745 DS_ID:20117 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition. (DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 32-inch steel irrigation pipe through the levee, 2.5 feet below the crown. Pipe, flap gate, vent, and headwall located on the landside (LS) in canal. Metal pier in stream with flap gate on the LS. 8-inch standpipe/vent located on the LS. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:16:00 PM					

LM Start	<b>0.27</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>0.27</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53745\_78953.jpg



Overview of structure through non-levee section.

Photo 2 of 3 : UCIP\_SP\_2019\_53745\_78947.jpg



Overview of levee section (high ground) where pumping structure is located, photo taken from opposite bank.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.27	Rating **	M	Issue No.	41 (cont)	
LM End	0.27	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.171088 °	39.171088 °	
				-121.721323 °	-121.721323 °	
DWR ID	20117					
Comment Code						
Inspector Comment						
FS_ID:53745 DS_ID:20117 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition. (DWR Sutter Yard - aFreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 32-inch steel irrigation pipe through the levee, 2.5 feet below the crown. Pipe, flap gate, vent, and headwall located on the landside (LS) in canal. Metal pier in stream with flap gate on the LS. 8-inch standpipe/vent located on the LS. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:16:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53745\_78948.jpg



WS view: irrigation structure (west side), photo taken from opposite bank.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.28	Rating **	M	Issue No.	42
LM End	0.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.171090 °	39.171090 °
				-121.721267 °	-121.721267 °
DWR ID	20118				
Comment Code					
Inspector Comment					
FS_ID:53746 DS_ID:20118 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - aFreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 3-inch galvanized iron electrical conduit through the levee, 4 feet below the crown. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:16:00 PM					

LM Start	<b>0.28</b>	Rating **	M	Issue No.	<b>42 (cont)</b>
LM End	<b>0.28</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53746\_78954.jpg



Overview of levee section (high ground) where pumping structure is located, photo taken from opposite bank.

Photo 2 of 3 : UCIP\_SP\_2019\_53746\_14332.jpg



power pole likely end point for pipe.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.28	Rating **	M	Issue No.	42 (cont)	
LM End	0.28	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.171090 °	39.171090 °	
				-121.721267 °	-121.721267 °	
DWR ID	20118					
Comment Code						
Inspector Comment						
FS_ID:53746 DS_ID:20118 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 3-inch galvanized iron electrical conduit through the levee, 4 feet below the crown. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:16:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53746\_78956.jpg



WS view: irrigation structure (east side), photo taken from opposite bank.

LM Start	0.29	Rating **	M	Issue No.	31
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.171008 °	39.171090 °
				-121.721025 °	-121.720487 °
DWR ID	DWR_ST0020_02_f_2016_31				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_ST0020\_214\_31\_20190327\_00013.jpg



View of the overgrown trees blocking visibility and access.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.31	Rating **	C	Issue No.	32
LM End	0.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171050 °	39.171077 °
				-121.720542 °	-121.717735 °
DWR ID	DWR_ST0020_02_f_2016_32				
Comment Code					
FW : Firewood					
Inspector Comment					

No Photos

LM Start	0.39	Rating **	M	Issue No.	43	
LM End	0.39	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.171067 °	39.171067 °	
				-121.719217 °	-121.719217 °	
DWR ID	19425					
Comment Code						
Inspector Comment						
FS_ID:53704 DS_ID:19425 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Abandoned. (DWR Sutter Yard- AFreitag)10/11/2016 Abandoned crossing.(DWR Sutter Yard - afreitag)4/19/2016 Abandoned crossing.5/12/2015 Abandoned crossing.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 Pipe and pump abandoned. Pipe should be removed or properly abandoned. FIELD_STRUCT_DESC: 8-inch galvanized iron irrigation pipe through the levee, 2 feet below the crown. 7.5 horsepower (HP) pump located in canal on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 135 (revision), May 1953, (HLM 0.39), Page 11, Location Section 12, As-Built Drawing No. 50-10-2816]. FS Date: 2/12/2019 12:17:00 PM						

Photo 1 of 3 : UCIP\_SP\_2019\_53704\_78958.jpg



Overview of levee section (high ground), photo taken from opposite bank.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.39	Rating **	M	Issue No.	43 (cont)	
LM End	0.39	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.171067 °	39.171067 °	
				-121.719217 °	-121.719217 °	
DWR ID	19425					
Comment Code						
Inspector Comment						
FS_ID:53704 DS_ID:19425 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Abandoned. (DWR Sutter Yard- A Freitag)10/11/2016 Abandoned crossing.(DWR Sutter Yard - a Freitag)4/19/2016 Abandoned crossing.5/12/2015 Abandoned crossing.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 Pipe and pump abandoned. Pipe should be removed or properly abandoned. FIELD_STRUCT_DESC: 8-inch galvanized iron irrigation pipe through the levee, 2 feet below the crown. 7.5 horsepower (HP) pump located in canal on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 135 (revision), May 1953, (HLM 0.39), Page 11, Location Section 12, As-Built Drawing No. 50-10-2816]. FS Date: 2/12/2019 12:17:00 PM						

LM Start	<b>0.39</b>	Rating **	M	Issue No.	<b>43 (cont)</b>
LM End	<b>0.39</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53704\_78959.jpg



Overview of levee section (high ground), photo taken from opposite bank just upstream from pipe crossing.

Photo 3 of 3 : UCIP\_SP\_2019\_53704\_78960.jpg



Overview of levee section (high ground), photo taken from opposite bank just downstream from pipe crossing.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.53	Rating **	M	Issue No.	28
LM End	0.53	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.171028 °	39.171028 °
				-121.716475 °	-121.716475 °
DWR ID	DWR_ST0020_02_s_2016_28				
Comment Code					
DE : Debris					
Inspector Comment					
Tires and tree clippings on WS crown.					

Photo 1 of 1 : SP\_2019\_ST0020\_214\_28\_20190327\_00012.jpg



View of the tires along the waterside berm.

LM Start	0.74	Rating **	M	Issue No.	44
LM End	0.74	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.170989 °	39.170989 °
				-121.712650 °	-121.712650 °
DWR ID	19426				
Comment Code					
Inspector Comment					
FS_ID:53705 DS_ID:19426 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Abandoned. (DWR Sutter Yard- A Freitag)10/11/2016 Abandoned crossing.(DWR Sutter Yard - a Freitag)4/19/2016 Abandoned crossing.5/12/2015 Abandoned crossing. Needs to be properly abandoned.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 Pumping plant abandoned. Pipe abandoned and only visible at bottom of concrete standpipe. Pipe needs to be abandoned properly. FIELD_STRUCT_DESC: 12-inch galvanized iron irrigation pipe through the levee, 6 feet below the crown. 10 horsepower (HP) pump in the canal, and power pole located on the waterside (WS). 36-inch concrete standpipe located on the landside (LS) shoulder. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 135, May 1953, (HLM 0.74), Page 11, Location Section 19, As-Built Drawing No. 50-10-2816]. FS Date: 2/12/2019 12:18:00 PM					

Photo 1 of 3 : UCIP\_SP\_2019\_53705\_78964.jpg



Overview of levee section (high ground) where pipe crosses.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.74	Rating **	M	Issue No.	44 (cont)	
LM End	0.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170989 °	39.170989 °	
				-121.712650 °	-121.712650 °	
DWR ID	19426					
Comment Code						
Inspector Comment						
FS_ID:53705 DS_ID:19426 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Abandoned. (DWR Sutter Yard- AFreitag)10/11/2016 Abandoned crossing.(DWR Sutter Yard - afreitag)4/19/2016 Abandoned crossing.5/12/2015 Abandoned crossing. Needs to be properly abandoned.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 Pumping plant abandoned. Pipe abandoned and only visible at bottom of concrete standpipe. Pipe needs to be abandoned properly. FIELD_STRUCT_DESC: 12-inch galvanized iron irrigation pipe through the levee, 6 feet below the crown. 10 horsepower (HP) pump in the canal, and power pole located on the waterside (WS). 36-inch concrete standpipe located on the landside (LS) shoulder. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 135, May 1953, (HLM 0.74), Page 11, Location Section 19, As-Built Drawing No. 50-10-2816]. FS Date: 2/12/2019 12:18:00 PM						

LM Start	<b>0.74</b>	Rating **	M	Issue No.	<b>44 (cont)</b>
LM End	<b>0.74</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53705\_78963.jpg



LS view: concrete standpipe located on the LS.

Photo 3 of 3 : UCIP\_SP\_2019\_53705\_11391.jpg



Concrete standpipe on LS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.01	Rating **	M	Issue No.	45
LM End	1.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.170907 °	39.170907 °
				-121.707520 °	-121.707520 °
DWR ID	19431				
Comment Code					
Inspector Comment					
FS_ID:53706 DS_ID:19431 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Unable to locate. (DWR Sutter Yard- AFreitag)10/11/2016 Unable to locate.(DWR Sutter Yard - afreitag)4/19/2016 Unable to locate.5/12/2015 Unable to locate.11/17/2014 Unable to locate.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. Unable to locate.10/16/2012 Unable to locate FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. [Additional Reference(s): DWR Levee Log, Revised 1990]. FS Date: 2/12/2019 12:18:00 PM					

Photo 1 of 3 : UCIP\_SP\_2019\_53706\_78969.jpg



LS view: overview of LS no evidence of pipe found.

LM Start	<b>1.01</b>	Rating **	M	Issue No.	<b>45 (cont)</b>
LM End	<b>1.01</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53706\_78967.jpg



Overview of levee section (high ground) where pipe should cross.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.01	Rating **	M	Issue No.	45 (cont)	
LM End	1.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170907 °	39.170907 °	
				-121.707520 °	-121.707520 °	
DWR ID	19431					
Comment Code						
Inspector Comment						
FS_ID:53706						
DS_ID:19431						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017						
Unable to locate. (DWR Sutter Yard- AFreitag)10/11/2016 Unable to						
locate.(DWR Sutter Yard - afreitag)4/19/2016 Unable to						
locate.5/12/2015 Unable to locate.11/17/2014 Unable to						
locate.5/12/2014 Same as last inspection.11/4/2013 Same as last						
inspection.5/15/2013 Same as last inspection. Unable to						
locate.10/16/2012 Unable to locate						
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe						
through the levee, 8 feet below the crown. [Additional Reference(s):						
DWR Levee Log, Revised 1990].						
FS Date: 2/12/2019 12:18:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53706\_78968.jpg



WS view: overview of WS no evidence of pipe found.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.04	Rating **	M	Issue No.	46 (cont)	
LM End	1.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170912 °	39.170912 °	
				-121.707095 °	-121.707095 °	
DWR ID	19439					
Comment Code						
Inspector Comment						
FS_ID:53707 DS_ID:19439 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Unable to locate. (DWR Sutter Yard- AFreitag)10/11/2016 Unable to locate.(DWR Sutter Yard - afreitag)4/19/2016 Unable to locate.5/12/2015 Unable to locate.11/17/2014 Unable to locate10/16/2012 likely pipe underwater.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. Unable to locate.10/16/2012 Unable to locate. FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, at an unknown depth. [Additional Reference(s): USACE Sacramento O&M Manual 135, May 1953, (HLM 1.04), Page 11, Location Section 22, As-Built Drawing No. 50-10-2816]. FS Date: 2/12/2019 12:19:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53707\_78972.jpg



WS view: overview of WS no evidence of pipe found.

LM Start	1.32	Rating **	M	Issue No.	20
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.170816 °	39.170812 °
				-121.701871 °	-121.701269 °
DWR ID	DWR_ST0020_02_s_2019_20				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.40	Rating **	M	Issue No.	47
LM End	1.40	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.170878 °	39.170878 °
				-121.700376 °	-121.700376 °
DWR ID	19429				
Comment Code					
Inspector Comment					
FS_ID:53747 DS_ID:19429 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition. (DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 1 of 2: 36-inch steel irrigation pipe through the levee, 2 feet below the crown. Pump house on platform in canal. Flap gates in Sutter Slough. 7-inch diameter air vent riser located on the landside (LS) shoulder. Power pole on levee with electrical box. [Additional Reference(s): DWR Levee Logs, Revised 1990] FS Date: 2/12/2019 12:19:00 PM					

Photo 1 of 3 : UCIP\_SP\_2019\_53747\_78979.jpg



Overview of structure through the non-levee section.

LM Start	1.40	Rating **	M	Issue No.	47 (cont)
LM End	1.40	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53747\_78973.jpg



Overview of structure located on the the East-West Interceptor, photo 1 of 2.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.40	Rating **	M	Issue No.	47 (cont)	
LM End	1.40	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170878 °	39.170878 °	
				-121.700376 °	-121.700376 °	
DWR ID	19429					
Comment Code						
Inspector Comment						
FS_ID:53747 DS_ID:19429 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition. (DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 1 of 2: 36-inch steel irrigation pipe through the levee, 2 feet below the crown. Pump house on platform in canal. Flap gates in Sutter Slough. 7-inch diameter air vent riser located on the landside (LS) shoulder. Power pole on levee with electrical box. [Additional Reference(s): DWR Levee Logs, Revised 1990] FS Date: 2/12/2019 12:19:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53747\_78974.jpg



Overview of structure located on the the East-West Interceptor, photo 2 of 2.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.40	Rating **	M	Issue No.	48
LM End	1.40	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.170872 °	39.170872 °
				-121.700319 °	-121.700319 °
DWR ID	19440				
Comment Code					
Inspector Comment					
FS_ID:53748 DS_ID:19440 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 2 of 2: 24-inch steel irrigation pipe through the levee, at an unknown depth below the crown. Siphon breaker located on the landside (LS) shoulder. Pump house on platform in canal on the waterside (WS). Flap gate in Sutter Slough. Power pole on levee with electrical box. [Additional Reference(s): DWR Levee Logs, Revised 1990] FS Date: 2/12/2019 12:21:00 PM					

LM Start	1.40	Rating **	M	Issue No.	48 (cont)
LM End	1.40	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53748\_78980.jpg



Overview of structure through the non-levee section.

Photo 2 of 3 : UCIP\_SP\_2019\_53748\_78981.jpg



Overview of structure located on the East-West Interceptor, photo 1 of 2.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.40	Rating **	M	Issue No.	48 (cont)	
LM End	1.40	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170872 °	39.170872 °	
				-121.700319 °	-121.700319 °	
DWR ID	19440					
Comment Code						
Inspector Comment						
FS_ID:53748 DS_ID:19440 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: *NOT THROUGH LEVEE* 2 of 2: 24-inch steel irrigation pipe through the levee, at an unknown depth below the crown. Siphon breaker located on the landside (LS) shoulder. Pump house on platform in canal on the waterside (WS). Flap gate in Sutter Slough. Power pole on levee with electrical box. [Additional Reference(s): DWR Levee Logs, Revised 1990] FS Date: 2/12/2019 12:21:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53748\_78982.jpg



Overview of structure located on the East-West Interceptor, photo 2 of 2.

LM Start	1.43	Rating **	M	Issue No.	3
LM End	1.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.170782 °	39.170865 °
				-121.700167 °	-121.698165 °
DWR ID	DWR_ST0020_02_f_2018_3				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the broken concrete.					

Photo 1 of 2 : SP\_2019\_ST0020\_214\_3\_20190327\_00001.jpg



View of the piles of broken concrete.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.43	Rating **	M	Issue No.	3 (cont)	
LM End	1.52	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			39.170782 °		39.170865 °
				-121.700167 °		-121.698165 °
DWR ID	DWR_ST0020_02_f_2018_3					
Comment Code						
DE : Debris						
Inspector Comment						
Remove the broken concrete.						

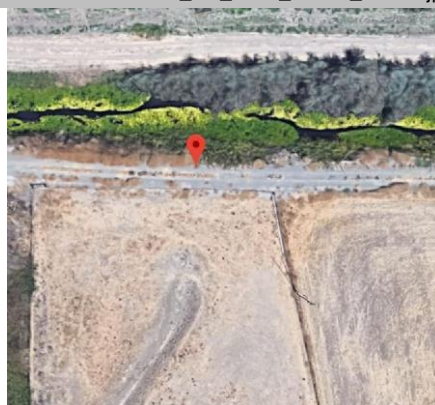
Photo 2 of 2 : SP\_2019\_ST0020\_214\_3\_20190327\_00002.jpg



View of the pile of broken concrete.

LM Start	1.54	Rating **	M	Issue No.	49
LM End	1.54	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.170847 °	39.170847 °
				-121.697888 °	-121.697888 °
DWR ID	19423				
Comment Code					
Inspector Comment					
FS_ID:53710 DS_ID:19423 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 LS inlet is buried, WS pipe outlet is overgrown wiht the flapgate being the only thing that is barely visible. (DWR Sutter Yard-AFreitag)10/11/2016 LS inlet is buried and WS flapgate is overgrown with blackberries.(DWR Sutter Yard - afreitag)4/19/2016 WS flapgate is completely overgrown with blackberries. 5/12/2015 LS inlet still buried with soil and blackberries on WS have blocked the flap gate.LS intake is filled and blocked with soil.11/17/2014 Ws outlet of pipe is overgrown and blocked from opening by blackberries. LS inlet still appears to be buried/blocked by soil.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: 16-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Flap gate located on the waterside (WS) end. Landside (LS) inlet filled and blocked with soil in 2012. [Additional Reference(s): DWR Levee Log, Revised 1990]. FS Date: 2/12/2019 12:21:00 PM					

Photo 1 of 3 : UCIP\_SP\_2019\_53710\_78992.jpg



Overview of landside drainage path across levee section.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.54	Rating **	M	Issue No.	49 (cont)	
LM End	1.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170847 °	39.170847 °	
				-121.697888 °	-121.697888 °	
DWR ID	19423					
Comment Code						
Inspector Comment						
FS_ID:53710 DS_ID:19423 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 LS inlet is buried, WS pipe outlet is overgrown wiht the flapgate being the only thing that is barely visible. (DWR Sutter Yard-AFreitag)10/11/2016 LS inlet is buried and WS flapgate is overgrown with blackberries.(DWR Sutter Yard - afreitag)4/19/2016 WS flapgate is completely overgrown with blackberries. 5/12/2015 LS inlet still buried with soil and blackberries on WS have blocked the flap gate.LS intake is filled and blocked with soil.11/17/2014 Ws outlet of pipe is overgrown and blocked from opening by blackberries. LS inlet still appears to be buried/blocked by soil.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: 16-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Flap gate located on the waterside (WS) end. Landside (LS) inlet filled and blocked with soil in 2012. [Additional Reference(s): DWR Levee Log, Revised 1990]. FS Date: 2/12/2019 12:21:00 PM						

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>49 (cont)</b>
LM End	<b>1.54</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53710\_78989.jpg



WS view: steep slope with dry vegetation along bank.

Photo 3 of 3 : UCIP\_SP\_2019\_53710\_78988.jpg



LS view: plugged inlet.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.54	Rating **	M	Issue No.	4
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.170800 °	39.170732 °
				-121.698105 °	-121.689082 °
DWR ID	DWR_NA0020_02_s_2012_4				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor the erosion along the waterside slope.					

LM Start	<b>1.54</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>2.01</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP\_2019\_ST0020\_214\_4\_20190327\_00003.jpg



View of the erosion along the waterside slope.

Photo 2 of 2 : SP\_2019\_ST0020\_214\_4\_20190327\_00004.jpg



View of the erosion along the waterside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.66	Rating **	M	Issue No.	50	
LM End	1.66	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170826 °	39.170826 °	
				-121.695708 °	-121.695708 °	
DWR ID	19430					
Comment Code						
Inspector Comment						
FS_ID:53711 DS_ID:19430 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Unable to locate any sign of this crossing on the WS. (DWR Sutter Yard- AFreitag)10/11/2016 Still unable to see where this crosses through the levee.(DWR Sutter Yard - afreitag)4/19/2016 Still unable to see where pipe crosses through the levee.5/12/2105 Unable to locate where pipe crosses though levee.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 unable to locate pipe through levee. FIELD_STRUCT_DESC: 4-inch pipe through the levee 4-feet below the crown. Pump next to junction box located on the landside (LS) 40 feet from LS shoulder. [Additional Reference(s): DWR Levee Log, Revised 1990] FS Date: 2/12/2019 12:22:00 PM						

LM Start	<b>1.66</b>	Rating **	M	Issue No.	<b>50 (cont)</b>
LM End	<b>1.66</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53711\_78994.jpg



Overview of levee section (high ground) where pipe crosses.

Photo 2 of 3 : UCIP\_SP\_2019\_53711\_78993.jpg



LS view: junction box located on the LS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.66	Rating **	M	Issue No.	50 (cont)	
LM End	1.66	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170826 °	39.170826 °	
				-121.695708 °	-121.695708 °	
DWR ID	19430					
Comment Code						
Inspector Comment						
FS_ID:53711 DS_ID:19430 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Unable to locate any sign of this crossing on the WS. (DWR Sutter Yard- AFreitag)10/11/2016 Still unable to see where this crosses through the levee.(DWR Sutter Yard - afreitag)4/19/2016 Still unable to see where pipe crosses through the levee.5/12/2105 Unable to locate where pipe crosses though levee.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 unable to locate pipe through levee. FIELD_STRUCT_DESC: 4-inch pipe through the levee 4-feet below the crown. Pump next to junction box located on the landside (LS) 40 feet from LS shoulder. [Additional Reference(s): DWR Levee Log, Revised 1990] FS Date: 2/12/2019 12:22:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53711\_11413.jpg



Enter photo 1 description or comment here.

LM Start	1.68	Rating **	M	Issue No.	18
LM End	1.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.170810 °	39.170810 °
				-121.695342 °	-121.695342 °
DWR ID	DWR_ST0020_02_f_2018_18				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the debris from the waterside berm.					

Photo 1 of 1 : SP\_2019\_ST0020\_214\_18\_20190327\_00008.jpg



View of the debris along the waterside berm.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Sutter Maintenance Yard East-West Interceptor

Overview of levee section (high ground) looking west, photo 2 of 2.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.74	Rating **	M	Issue No.	51 (cont)	
LM End	1.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170832 °	39.170832 °	
				-121.694174 °	-121.694174 °	
DWR ID	20119					
Comment Code						
Inspector Comment						
FS_ID:53712 DS_ID:20119 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 No permit identified for crossing. FIELD_STRUCT_DESC: 5-inch aluminum drainage pipe through the levee, 1 foot below the crown. Flap gate located on the waterside (WS) with concrete headwall block on the landside (LS). No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:23:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53712\_78999.jpg



LS view: concrete headwall located on LS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.74	Rating **	M	Issue No.	52	
LM End	1.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170832 °	39.170832 °	
				-121.694174 °	-121.694174 °	
DWR ID	20122					
Comment Code						
Inspector Comment						
FS_ID:53713 DS_ID:20122 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condititon. (DWR Sutter Yard- AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 No permit identified for crossing. FIELD_STRUCT_DESC: 7-inch flexible high-density polyethylene (HDPE) drainage pipe through the levee, 1 foot below the crown. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:24:00 PM						

LM Start	<b>1.74</b>	Rating **	M	Issue No.	<b>52 (cont)</b>
LM End	<b>1.74</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53713\_79002.jpg



Overview of levee section (high ground) where pipe should cross.

Photo 2 of 3 : UCIP\_SP\_2019\_53713\_79003.jpg



LS view: no evidence of 7-inch flexible HDPE pipe present on LS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.74	Rating **	M	Issue No.	52 (cont)	
LM End	1.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170832 °	39.170832 °	
				-121.694174 °	-121.694174 °	
DWR ID	20122					
Comment Code						
Inspector Comment						
FS_ID:53713 DS_ID:20122 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condititon. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - aFreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 No permit identified for crossing. FIELD_STRUCT_DESC: 7-inch flexible high-density polyethylene (HDPE) drainage pipe through the levee, 1 foot below the crown. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:24:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53713\_79004.jpg



WS view: no evidence of 7-inch flexible HDPE pipe present on WS, only 5-inch steel pipe represent.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.76	Rating **	M	Issue No.	53
LM End	1.76	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.170806 °	39.170806 °
				-121.693769 °	-121.693769 °
DWR ID	20120				

**Comment Code**

**Inspector Comment**

FS\_ID:53714  
DS\_ID:20120  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition. (DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 No permit identified for crossing.  
FIELD\_STRUCT\_DESC: 5-inch aluminum drainage pipe through the levee, 1 foot below the crown. Flap gate located on the waterside (WS) with concrete headwall block on the landside (LS). No permit has been identified since crossing was field discovered in 2012.  
FS Date: 2/12/2019 12:25:00 PM

LM Start	<b>1.76</b>	Rating **	M	Issue No.	<b>53 (cont)</b>
LM End	<b>1.76</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53714\_79005.jpg



Overview of levee section (high ground) looking east towards crossings, 5- and 7-inch pipes.

Photo 2 of 3 : UCIP\_SP\_2019\_53714\_79006.jpg



Overview of levee section (high ground) looking west, concrete box located on LS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.76	Rating **	M	Issue No.	53 (cont)	
LM End	1.76	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170806 °	39.170806 °	
				-121.693769 °	-121.693769 °	
DWR ID	20120					
Comment Code						
Inspector Comment						
FS_ID:53714 DS_ID:20120 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition. (DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 No permit identified for crossing. FIELD_STRUCT_DESC: 5-inch aluminum drainage pipe through the levee, 1 foot below the crown. Flap gate located on the waterside (WS) with concrete headwall block on the landside (LS). No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:25:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53714\_79009.jpg



LS view: overview of LS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.76	Rating **	M	Issue No.	54	
LM End	1.76	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170806 °	39.170806 °	
				-121.693769 °	-121.693769 °	
DWR ID	20121					
Comment Code						
Inspector Comment						
FS_ID:53715 DS_ID:20121 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 No permit identified for crossing. FIELD_STRUCT_DESC: 7-inch flexible high-density polyethylene (HDPE) drainage pipe through the levee, 1 foot below the crown. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:26:00 PM						

LM Start	1.76	Rating **	M	Issue No.	54 (cont)
LM End	1.76	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53715\_79012.jpg



LS view: no evidence found on LS only concrete headwall associated with 5-inch drain pipe.

Photo 2 of 3 : UCIP\_SP\_2019\_53715\_79010.jpg



Overview of levee section (high ground) where pipe crosses, concrete headwall visible on LS shoulder.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.76	Rating **	M	Issue No.	54 (cont)	
LM End	1.76	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170806 °	39.170806 °	
				-121.693769 °	-121.693769 °	
DWR ID	20121					
Comment Code						
Inspector Comment						
FS_ID:53715 DS_ID:20121 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 No permit identified for crossing. FIELD_STRUCT_DESC: 7-inch flexible high-density polyethylene (HDPE) drainage pipe through the levee, 1 foot below the crown. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:26:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53715\_79011.jpg



WS view: 5-inch steel and 7-inch HDPE pipes visible on WS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.78	Rating **	M	Issue No.	55	
LM End	1.78	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170805 °	39.170805 °	
				-121.693357 °	-121.693357 °	
DWR ID	19437					
Comment Code						
Inspector Comment						
FS_ID:53716 DS_ID:19437 EP_NO: 2400 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Unable to locate. (DWR Sutter Yard- AFreitag)10/11/2016 Unable to locate.(DWR Sutter Yard - afreitag)4/19/2106 Unable to locate.5/12/2015 Unable to locate.11/17/2014 Unable to locate10//16. 5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. Unable to locate.10/16/2012 Unable to locate. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, at an unknown depth. Flap gate located on the waterside (WS). (24-inch pipe authorized under Permit No. 2400, 1953 - Selma Meyer). FS Date: 2/12/2019 12:26:00 PM						

LM Start	<b>1.78</b>	Rating **	M	Issue No.	<b>55 (cont)</b>
LM End	<b>1.78</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53716\_79013.jpg



LS view: dense vegetation covers LS shoulder making it difficult to find pipe.

Photo 2 of 3 : UCIP\_SP\_2019\_53716\_79015.jpg



Overview of levee section (high ground) where pipe should cross.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.78	Rating **	M	Issue No.	55 (cont)	
LM End	1.78	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170805 °	39.170805 °	
				-121.693357 °	-121.693357 °	
DWR ID	19437					
Comment Code						
Inspector Comment						
FS_ID:53716 DS_ID:19437 EP_NO: 2400 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Unable to locate. (DWR Sutter Yard- AFreitag)10/11/2016 Unable to locate.(DWR Sutter Yard - afreitag)4/19/2106 Unable to locate.5/12/2015 Unable to locate.11/17/2014 Unable to locate10//16. 5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. Unable to locate.10/16/2012 Unable to locate. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, at an unknown depth. Flap gate located on the waterside (WS). (24-inch pipe authorized under Permit No. 2400, 1953 - Selma Meyer). FS Date: 2/12/2019 12:26:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53716\_79014.jpg



WS view: unable to locate pipe on WS.

LM Start	1.86	Rating **	C	Issue No.	21
LM End	1.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.170775 °	39.170775 °
				-121.691995 °	-121.691995 °
DWR ID	DWR_ST0020_02_f_2018_21				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside berm.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.93	Rating **	M	Issue No.	56	
LM End	1.93	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.170771 °		39.170771 °
				-121.690631 °		-121.690631 °
DWR ID	20123					
Comment Code						
Inspector Comment						
FS_ID:53717 DS_ID:20123 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.5/22/2013 Erosion under pipe outlet has been repaired. Bank lined with rock to prevent future erosion.5/15/2013 Flexible pipe has been replaced with 6.5 inch steel with flap gate on WS. Erosion under WS outlet.11/4/2013 Same as last inspection.10/16/2012 No permit identified for crossing. FIELD_STRUCT_DESC: 7-inch flexible high-density polyethylene (HDPE) drainage pipe through the levee, 1 foot below the crown. Signage for crossing is visible on the landside (LS) shoulder. Outlet visible on the waterside (WS) shoulder. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:27:00 PM						

LM Start	<b>1.93</b>	Rating **	M	Issue No.	<b>56 (cont)</b>
LM End	<b>1.93</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53717\_79017.jpg



Overview of levee section (high ground) where pipe crosses.

Photo 2 of 3 : UCIP\_SP\_2019\_53717\_79020.jpg



LS view: overview of LS with minor elevation change between LS ground and levee section (high ground).

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.93	Rating **	M	Issue No.	56 (cont)	
LM End	1.93	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.170771 °		39.170771 °
				-121.690631 °		-121.690631 °
DWR ID	20123					
Comment Code						
Inspector Comment						
FS_ID:53717 DS_ID:20123 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.5/22/2013 Erosion under pipe outlet has been repaired. Bank lined with rock to prevent future erosion.5/15/2013 Flexible pipe has been replaced with 6.5 inch steel with flap gate on WS. Erosion under WS outlet.11/4/2013 Same as last inspection.10/16/2012 No permit identified for crossing. FIELD_STRUCT_DESC: 7-inch flexible high-density polyethylene (HDPE) drainage pipe through the levee, 1 foot below the crown. Signage for crossing is visible on the landside (LS) shoulder. Outlet visible on the waterside (WS) shoulder. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:27:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53717\_79018.jpg



LS view: 6.5-inch steel pipe visible on the LS shoulder.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.97	Rating **	M	Issue No.	57 (cont)	
LM End	1.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170754 °	39.170754 °	
				-121.689815 °	-121.689815 °	
DWR ID	20124					
Comment Code						
Inspector Comment						
FS_ID:53718 DS_ID:20124 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/22/2013 Erosion under pipe outlet has been repaired and bank lined with rock to prevent future erosion.5/15/2013 Flexible pipe has been replaced with 6.5 inch steel with flap gate on WS outlet. Erosion under WS outlet.10/16/2012 No permit identified for this crossing. FIELD_STRUCT_DESC: 7-inch flexible high-density polyethylene (HDPE) drainage pipe through the levee, 1 foot below the crown. Pipe visible on the waterside (WS) shoulder. Intake with grate visible on the landside (LS). No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 12:27:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53718\_79022.jpg



LS view: pipe inlet with screen to prevent pipe from clogging.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Levee Inspection Report By Mile - Spring 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>58 (cont)</b>
LM End	<b>1.98</b>	Issue Type +	En	Location *	

12/12/2019

LS view: overview of the LS.

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable	A : Acceptable                      N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable                      C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable                      A/W : Acceptable but Monitor & Maintain	En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.98	Rating **	M	Issue No.	58 (cont)	
LM End	1.98	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.170733 °		39.170733 °
				-121.689604 °		-121.689604 °
DWR ID	19428					
Comment Code						
Inspector Comment						
FS_ID:53719 DS_ID:19428 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: 12-inch polyvinyl chloride (PVC) drainage pipe through the levee, 2 feet below the crown. [Additional Reference(s): DWR Levee Log, Revised 1990]. FS Date: 2/12/2019 2:58:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53719\_79028.jpg



LS view: pipe inlet is about 250 feet south from levee near building corner.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	2.03	Rating **	M	Issue No.	59
LM End	2.03	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.170708 °	39.170708 °
				-121.688572 °	-121.688572 °
DWR ID	20125				
Comment Code					
Inspector Comment					
FS_ID:53723 DS_ID:20125 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard- AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 No permit identified for this crossing. FIELD_STRUCT_DESC: Steel fiber optics conduit of an unknown size through the levee, at an unknown depth. Crossing is located on the east side of Township Road bridge. Marker visible on east side of North Township Drive, south of interceptor. Owner is Pacific, and their contact number is 1-877-735-7366. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 2:59:00 PM					

LM Start	<b>2.03</b>	Rating **	M	Issue No.	<b>59 (cont)</b>
LM End	<b>2.03</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53723\_79045.jpg



Overview of levee section (high ground) where com, gas, and drain line cross, photo taken looking east towards crossings.

Photo 2 of 3 : UCIP\_SP\_2019\_53723\_79050.jpg



WS view: levee section at Pease Rd and Township Rd.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	2.03	Rating **	M	Issue No.	59 (cont)	
LM End	2.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170708 °	39.170708 °	
				-121.688572 °	-121.688572 °	
DWR ID	20125					
Comment Code						
Inspector Comment						
FS_ID:53723 DS_ID:20125 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 No permit identified for this crossing. FIELD_STRUCT_DESC: Steel fiber optics conduit of an unknown size through the levee, at an unknown depth. Crossing is located on the east side of Township Road bridge. Marker visible on east side of North Township Drive, south of interceptor. Owner is Pacific, and their contact number is 1-877-735-7366. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 2:59:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53723\_79048.jpg



WS view: communication markers continue along the south portion of Township Road.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	2.03	Rating **	M	Issue No.	60	
LM End	2.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170708 °	39.170708 °	
				-121.688566 °	-121.688566 °	
DWR ID	20126					
Comment Code						
Inspector Comment						
FS_ID:53720 DS_ID:20126 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 No permit identified for this crossing. FIELD_STRUCT_DESC: Steel gas line crossing of an unknown size through the levee, at an unknown depth. Sign visible on the landside (LS). No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 2:59:00 PM						

LM Start	<b>2.03</b>	Rating **	M	Issue No.	<b>60 (cont)</b>
LM End	<b>2.03</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53720\_79031.jpg



Overview of levee section at Township Road and Pease Road.

Photo 2 of 3 : UCIP\_SP\_2019\_53720\_79036.jpg



WS view: bridge crossing located on Pease Rd and Township Rd.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	2.03	Rating **	M	Issue No.	60 (cont)	
LM End	2.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170708 °	39.170708 °	
				-121.688566 °	-121.688566 °	
DWR ID	20126					
Comment Code						
Inspector Comment						
FS_ID:53720 DS_ID:20126 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Crossing appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 Crossing appears to be in good condition.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.11/4/2013 Same as last inspection.5/15/2013 Same as last inspection.10/16/2012 No permit identified for this crossing. FIELD_STRUCT_DESC: Steel gas line crossing of an unknown size through the levee, at an unknown depth. Sign visible on the landside (LS). No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 2:59:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53720\_79034.jpg



WS view: overview of PG&E line alignment from WS to LS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	2.05	Rating **	M	Issue No.	61
LM End	2.05	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.170639 °	39.170639 °
				-121.688445 °	-121.688445 °
DWR ID	20127				
Comment Code					
Inspector Comment					
FS_ID:53721 DS_ID:20127 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Blackberries around the WS pipe outlet were aprayed and killed. Pipe appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 WS flap gate is being overgrown by blackberries that could possibly hinder its operation. They should be sprayed and cleared back.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.5/15/2013 Same as last inspection.11/4/2013 Same as last inspection.10/16/2012 No permit identified for this crossing. FIELD_STRUCT_DESC: 18-inch asphalt coated corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate is located on the waterside (WS). Pipe is visible on the landside (LS) toe. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 3:00:00 PM					

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>61 (cont)</b>
LM End	<b>2.05</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53721\_79038.jpg



Overview of levee section (high ground), looking east towards multiple crossings.

Photo 2 of 3 : UCIP\_SP\_2019\_53721\_79039.jpg



Overview of levee section (high ground), looking south towards multiple crossings.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	2.05	Rating **	M	Issue No.	61 (cont)	
LM End	2.05	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170639 °	39.170639 °	
				-121.688445 °	-121.688445 °	
DWR ID	20127					
Comment Code						
Inspector Comment						
FS_ID:53721 DS_ID:20127 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Blackberries around the WS pipe outlet were aprayed and killed. Pipe appears to be in good condition. (DWR Sutter Yard-AFreitag)10/11/2016 WS flap gate is being overgrown by blackberries that could possibly hinder its operation. They should be sprayed and cleared back.(DWR Sutter Yard - afreitag)4/19/2016 Crossing appears to be in good condition.5/12/2015 Crossing appears in good condition. No noticeable issues to report.11/17/2014 Same as last inspection.5/12/2014 Same as last inspection.5/15/2013 Same as last inspection.11/4/2013 Same as last inspection.10/16/2012 No permit identified for this crossing. FIELD_STRUCT_DESC: 18-inch asphalt coated corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate is located on the waterside (WS). Pipe is visible on the landside (LS) toe. No permit has been identified since crossing was field discovered in 2012. FS Date: 2/12/2019 3:00:00 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53721\_79040.jpg



Overview of levee section (high ground), looking west towards com, gas, and drainage line.

LM Start	2.57	Rating **	C	Issue No.	10
LM End	2.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.170587 °	39.170548 °
				-121.678880 °	-121.675970 °
DWR ID	DWR_NA0020_02_s_2012_10				
Comment Code					
MA : Material					
Inspector Comment					
Remove the lumber, garbage and equipment from the landside toe.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	05/08/2019 05/08/2019	Makar Sokol

LM Start	2.72	Rating **	U	Issue No.	38
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.170624 °	39.170624 °
				-121.675992 °	-121.675992 °
DWR ID	DWR_ST0020_02_s_2019_38				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Significant rodent activity is present. The surface runoff is further eroding the waterside shoulder/slope.					

Photo 1 of 1 : SP\_2019\_ST0020\_214\_38\_20190510\_00087.jpg



View of significant rodent activity on the waterside slope. Spring 2019.

LM Start	2.94	Rating **	M	Issue No.	62	
LM End	2.94	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.170599 °	39.170599 °	
				-121.671889 °	-121.671889 °	
DWR ID	19438					
Comment Code						
Inspector Comment						
FS_ID:53722 DS_ID:19438 EP_NO: 16968 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)4/10/2017 Unable to locate. (DWR Sutter Yard- A Freitag)10/11/2016 Unable to locate.(DWR Sutter Yard - a Freitag)4/19/2016 Unable to locate.5/12/2015 Unable to locate.11/17/2014 Unable to locate.5/12/2014 Same as last inspection.11/4/2013 Does not appear to be a crossing. Concrete standpipe on LS toe is just an old piece of concrete pipe sitting on ground.5/15/2013 Same as last inspection. FIELD_STRUCT_DESC: 24-inch concrete riser located on the landside (LS) toe. No crossing visible in 2012 unable to determine if 24-inch concrete riser is associated with pipe through levee and authorized under Permit No. 16968. Need to request CVFPB permit archive to determine description of work authorized under Permit No. 16968. FS Date: 2/12/2019 3:00:00 PM						

Photo 1 of 1 : UCIP\_SP\_2019\_53722\_79051.jpg



Overview of levee section where crossing should be, no evidence was found of crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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